

point definition, §68.3(b)(3). The customer or premises owner may not access carrier wiring and facilities on the carrier's side of the demarcation point. Customers may not access the telephone company-installed protector. All plugs and jacks used in connection with inside wiring shall conform to subpart F of this part.

(c) Material requirements. (1) For new installations and modifications to existing installations, copper conductors shall be, at a minimum, solid, 24 gauge or larger, twisted pairs that comply with the electrical specifications for Category 3, as defined in the ANSI EIA/TIA Building Wiring Standards.

(2) Conductors shall have insulation with a 1500 Volt rms minimum breakdown rating. This rating shall be established by covering the jacket or sheath with at least 15 cm (6 inches) (measured linearly on the cable) of conductive foil, and establishing a potential difference between the foil and all of the individual conductors connected together, such potential difference gradually increased over a 30 second time period to 1500 Volts rms, 60 Hertz, then applied continuously for one minute. At no time during this 90 second time interval shall the current between these points exceed 10 milliamperes peak.

(3) All wire and connectors meeting the requirements set forth in paragraphs (c)(1) and (c)(2) shall be marked, in a manner visible to the consumer, with the symbol "CAT 3" or a symbol consisting of a "C" with a "3" contained within the "C" character, at intervals not to exceed one foot (12 inches) along the length of the wire.

(d) *Attestation.* Manufacturers (or distributors or retailers, whichever name appears on the packaging) of non-system telephone premises wire shall attest in a letter to the Commission that the wire conforms with part 68, FCC Rules.

[49 FR 21734, May 23, 1984, as amended at 50 FR 29392, July 19, 1985; 50 FR 47548, Nov. 19, 1985; 51 FR 944, Jan. 9, 1986; 55 FR 28630, July 12, 1990; 58 FR 44907, Aug. 25, 1993; 62 FR 36464, July 8, 1997; 65 FR 4140, Jan. 26, 2000]

§ 68.214 Changes in registered equipment and circuitry.

Changes in registered terminal equipment or registered protective circuitry shall be made as follows:

(a) No change in registered terminal equipment or registered protective circuitry that would result in any change in the information furnished the Commission pursuant to §68.200 may be made, except after grant of a new application made on FCC Form 730.

(b) Changes which do not result in any change in the information furnished the Commission pursuant to §68.200 may be made without express Commission approval. *Provided*, That prior written notification is given the Commission on FCC Form 730.

(c) Where equipment is registered by virtue of incorporation of registered protective circuitry therein, no notification need be given of changes to other than the protective circuitry, its mechanical and electrical connections to the equipment.

(d) Changes in registered terminal equipment or registered protective circuitry made pursuant to paragraphs (b) and (c) of this section may be made only by the grantee, or an authorized agent thereof, and the grantee will remain responsible for the performance of such changes.

(e) Operations associated with installing, connecting, reconfiguring or removing (other than final removal) premises wiring to registered terminal equipment or registered protective circuitry are changes in this equipment or circuitry within the meaning of this Section, unless:

(1) The premises wiring involved is "fully-protected" premises wiring, or

(2) All such operations are performed in accordance with §68.215.

[42 FR 32244, June 24, 1977, as amended at 43 FR 16499, April 19, 1978]

§ 68.215 Installation of other than "fully protected" system premises wiring that serves more than four subscriber access lines.

(a) *Types of wiring authorized*—(1) *Between equipment entities.* Unprotected